2185 #2
BT
12-26-01PTO/SB/21 (12/97)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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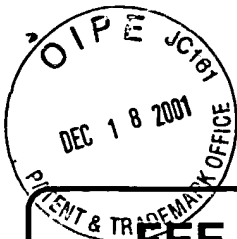
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	09/945,266
		Filing Date	August 31, 2001
		First Named Inventor	Richard L. Coulson
		Group Art Unit	2185
		Examiner Name	Not Assigned
Total Number of Pages in This Submission	14	Attorney Docket Number	42390P11446

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">PTO/SB/08A; 6 Cited References; Cross-Reference Under 37 CFR §1.78(a)(2)</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William W. Schaal, Reg. No. 39,018 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 7, 2001

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: December 7, 2001			
Typed or printed name	Corrinn R. Reynolds		
Signature		Date	December 7, 2001

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PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

Complete if Known

Application No. 09/945,266
Filing Date August 31, 2001
First Named Inventor Richard L. Coulson
Examiner Name Not Assigned
Group/Art Unit 2185
Attorney Docket No. 42390P11446

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METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

02-2666

Deposit
Account
Name

Blakely, Sokoloff, Taylor & Zafman LLP

- ☒ Charge Any Additional Fee(s) Required
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

☐ Applicant claims small entity status.
See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	740	201	370	Utility filing fee	
		106	330	206	165	Design filing fee	
		107	510	207	255	Plant filing fee	
		108	740	208	370	Reissue filing fee	
		114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims 41 - ** = X =
Independent Claims 7 - ** = X =
Multiple Dependent X =

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		103	18	203	9	Claims in excess of 20
		102	84	202	42	Independent claims in excess of 3
		104	280	204	140	Multiple Dependent claim, if not paid
		109	84	209	42	**Reissue independent claims over original patent
		110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

*or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205	65	Surcharge - late filing fee or oath	
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
		139	130	139	130	Non-English specification	
		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
		112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
		115	110	215	55	Extension for reply within first month	
		116	400	216	200	Extension for reply within second month	
		117	920	217	460	Extension for reply within third month	
		118	1,440	218	720	Extension for reply within fourth month	
		128	1,960	228	980	Extension for reply within fifth month	
		119	320	219	160	Notice of Appeal	
		120	320	220	160	Filing a brief in support of an appeal	
		121	280	221	140	Request for oral hearing	
		138	1,510	138	1,510	Petition to institute a public use proceeding	
		140	110	240	55	Petition to revive - unavoidable	
		141	1,280	241	640	Petition to revive - unintentional	
		142	1,280	242	640	Utility issue fee (or reissue)	
		143	460	243	230	Design issue fee	
		144	620	244	310	Plant issue fee	
		122	130	122	130	Petitions to the Commissioner	
		123	50	123	50	Processing fee under 37 CFR 1.17(q)	
		126	180	126	180	Submission of Information Disclosure Stmt	
		581	40	581	40	Recording each patent assignment per property (times number of properties)	
		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
		179	740	279	370	Request for Continued Examination (RCE)	
		169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type)

William W. Schaal

Registration No.
(Attorney/Agent)

39,018

Complete (if applicable)

Telephone

(714) 557-3800

Signature

Date

12/07/01

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Complete if Known

Application No. 09/945,266
Filing Date August 31, 2001
First Named Inventor Richard L. Coulson
Examiner Name Not Assigned
Group/Art Unit 2185
Attorney Docket No. 42390P11446

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METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

☒ Charge Any Additional Fee(s) Required
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

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		107	510	207 255 Plant filing fee	
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Multiple Dependent X =

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		102	84	202 42 Independent claims in excess of 3
		104	280	204 140 Multiple Dependent claim, if not paid
		109	84	209 42 **Reissue independent claims over original patent
		110	18	210 9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205 65 Surcharge - late filing fee or oath	
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		122	130	122 130 Petitions to the Commissioner	
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		179	740	279 370 Request for Continued Examination (RCE)	
		169	900	169 900 Request for expedited examination of a design application	

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) William W. Schaal

Signature

Registration No.
(Attorney/Agent)

39,018

Telephone

(714) 557-3800

Date

12/07/01

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Our Docket No.: 42390P11446

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

COULSON, ET AL.

Application No.: 09/945,266

Filed: August 31, 2001

For: Hardware Updated Metadata for Non-Volatile Mass Storage Cache

Examiner: Not Assigned

Art Group: 2185

Assistant Commissioner for Patents
Washington, D.C. 20231

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CROSS-REFERENCE UNDER 37 C.F.R. §1.78(a)(2) TO RELATED APPLICATIONS

Sir/Madam:

Pursuant to 37 C.F.R. §1.78(a)(2), applicants hereby cross-reference the following related patent applications, which are all assigned to the same assignee as the present patent application.

(1) A U.S. Patent Application entitled Partitioning Cache Metadata State by Robert J. Royer Jr., Knut S. Grimsrud, and Richard L. Coulson, Application No. 09/895,578, filed June 29, 2001.

If there are any charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: December 7, 2001



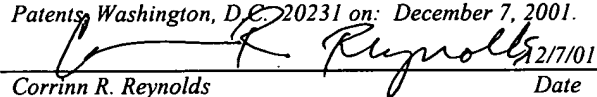
WILLIAM W. SCHAAL

Reg. No. 39,018

12400 Wilshire Boulevard, Seventh Floor
Los Angeles, California 90025
(714) 557-3800

CERTIFICATE OF MAILING

*I hereby certify that this correspondence is being deposited
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an envelope addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231 on: December 7, 2001.*


Corinn R. Reynolds Date 12/7/01